```
<wsmil>
   <head>

      .......
   </head>
   <card id="1" class="a">

      .......
   </card>
   <card id="2" class="b">

      .......
   </card>

   .......

   .......
   <card id="n" class="a">

      .......
   </card>
</wsmil>
```

WSMIL

Head

Card 1

Card 2

...

.

Card n

FIG.1

```
<a href="http://www.host2.com/another.wsmil">
    <video src="http://host1.com/D.mpg" />
</a>
```

FIG.2 A

```
<video src="http://www.host1.com/A.mpg" >
   <anchor begin="0" end="2" cords="0,0,25%,25%"
       href=http://www.host2.com/home.wsmil />
</video>
```

FIG.2B

```
<seq>
   <video altsrc="http://www.host1.com/B.txt"
           src="http://www.host1.com/A.mpg" />
   <audio alt="The Audio Can't Be Shown"
           src="http://www.host1.com/C.mp3" />
</seq>
```

FIG.2C

```
<switch title="Depending on bandwidth,choose between image and
video" >
    <video title="Video of A" src="rtsp://www.acme.com/A.mpg"
       system-bitrate="56000" />
    <img title="Image of B" src="http://www.acme.com/B.jpg" />
```
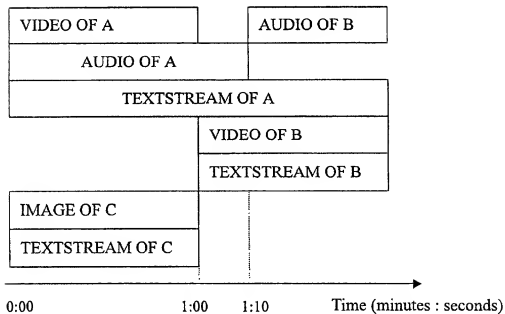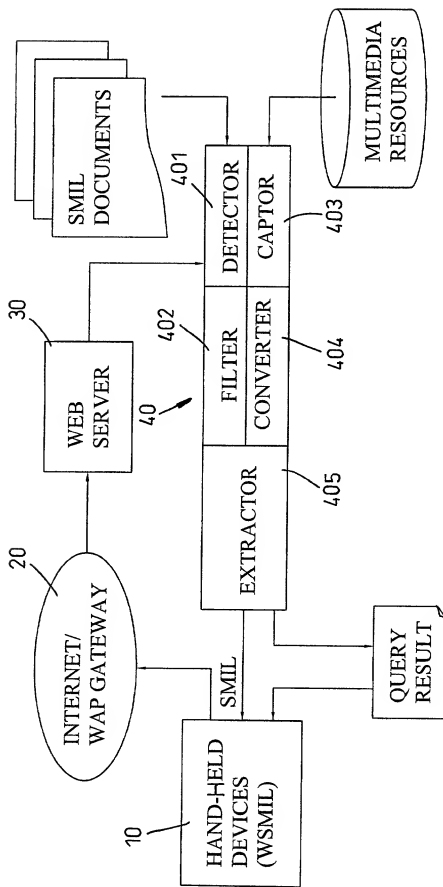
FIG.2D

```
<region title="Region for A video" id="right-video"
    left="75%" top="30%" />
```

FIG. 2E

```
<video title="Video of A" src="rtsp://www.acme.com/A.mpg"
    region="right-video" >
...
</video>
```

FIG. 2F

VIDEO OF A		AUDIO OF B
AUDIO OF A		
TEXTSTREAM OF A		
	VIDEO OF B	
	TEXTSTREAM OF B	
IMAGE OF C		
TEXTSTREAM OF C		

0:00   1:00   1:10   Time (minutes : seconds)

FIG. 2 G

FIG.3

FIG.4

```
<wsmil>
  <head>
    <meta name="title" content="Car"/>
    <meta name="author" content="NCAM/NOVA"/>
    <meta name="copyright" content="?998 WGBH
        Educational Foundation" />
    <layout>
    <root-layout background-color="black" height="400"
        width="400"/>
    <region id="a"    fit="slice" height="50%"
        width="50%" />
    <region id="b"    fit="meet"  top="0%" left="50%"
        height="50%" width="50%"/>
    <region id="c"    fit="meet"  top="50%" left="0%"
        height="50%" width="50%"/>
    <region id="d"    fit="meet"  top="50%" left="50%"
        height="20%" width="50%"/>
    </layout>
  </head>
    <card id="1">
      <par>
        <ref    class="one" region="a"    end="30s"
        src="003.mpeg" />
        <textstream class="one" region="c"
        src="test.txt" />
      </par>
    </card>
    <card id="2">
        <ref    class="two" region="b" dur="30s"
        src="001.mpeg"/>
        <img     class="two" region="d" begin="3"
        end="40" src="002.jpg"/>
    </card>
</wsmil>
```
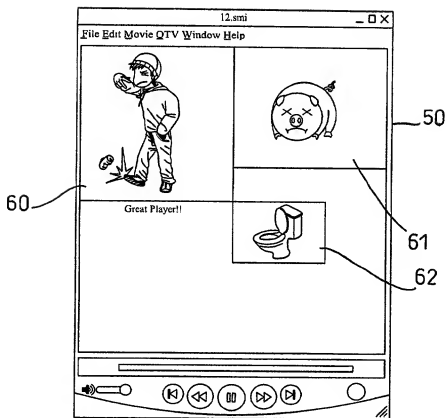
FIG. 5
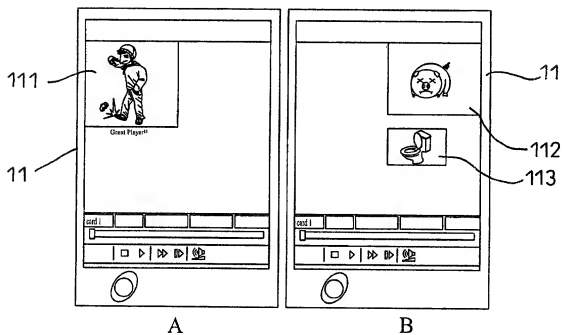
FIG. 8
PRIOR ART

FIG. 6

```
<smil>
 <head>
   <meta name="title" content="Car"/>
   <meta name="author" content="NCAM/NOVA"/>
   <meta name="copyright" content="?998 WGBH
   Educational Foundation" />
   <layout>
   <root-layout background-color="black" height="400"
width="400"/>
   <region id="a"   fit="slice" height="50%"
width="50%" />
   <region id="b"   fit="meet"   top="0%" left="50%"
   height="50%" width="50%"/>
   <region id="c"   fit="meet"   top="50%" left="0%"
   height="50%" width="50%"/>
   <region id="d"   fit="meet"   top="50%" left="50%"
   height="20%" width="50%"/>
   </layout>
 </head>
    <body>
     <par>
       <ref   class="one" region="a"     end="30s"
src="003.mpeg" />
       <ref   class="two" region="b" dur="30s"
src="001.mpeg"/>
       <img   class="two" region="d" begin="3"
     end="40" src="002.jpg"/>
       <textstream class="one" region="c"
src="test.txt" />
     </par>
   </body>
</smil>
```

FIG. 7

PRIOR ART